

License Review for 36-8763

Agent: Sandy Hemenway

Date: 5/7/2009

Name: City of Paul
Mailing Address: PO Box 130, 152 S 600 W, Paul, ID 83347
Phone #: (208) 438-4101
Source: Groundwater E0008014 West Minco Well
Beneficial Use: Municipal
Rate of Diversion: 2.75 cfs
Place of Use: Service area for City of Paul
Describe System: One well, 20" casing, 540' deep, static 232', with a 100 Hp pump, which discharges into a partial underground storage tank. The capacity of the tank is 1,000,000 gallons. The well pump is activated whenever the tank level drops down 2 ft. The water from the tank is then discharged into the manifold, which is split to 3 boosters (20Hp, 60Hp, and 75Hp) that run independently at any given time. The water is then combined into a pressurized (60 psi) 12" mainline and delivered to the city.

Flow Meter: Installed on the downside 12" mainline, measuring the instantaneous flow from storage and records the total volume pumped. The measuring device does not reflect the rate output of the well, but appears to record all the volume. Calibrated summer of 2006.

Well Driller's Report: Drilled 1/8/1998 by High Plains Drilling #299
20" casing, 540' deep, static 232', Municipal

Other Uses:
Supplemental Water: NONE
Other Water Rights Used: 36-7206, 36-7899, 36-12179, 36-4083 for the City of Paul service area
Overlaps POU: 36-7206, 36-7899, 36-12179, 36-4083 for the City of Paul service area
Overlaps for POD: NONE
Pump Information: US Electric 100 Hp, Motor Serial # J248-804-3373M, Ingersoll-Dresser Pump #12H135
Flow Measurement: Portaflow Sonic (Fuji) #240332 (calibrated 5/2006)
***Field Inspection notes stated that due to space, they were unable to take measurement, although 2 measurements were taken on the out-flow pipe of the storage tank averaging between 300 - 400 gpm, neither being relevant to the actual system capacity. Theoretical Hp equation and pump curve from operator estimated discharge of the entire system between 2.72 cfs and 2.75 cfs. (pump curve and calculations shown in field inspection notes in file)

Additional Information: After licensing of this permit, the city will then file for transfer to consolidate all water rights within the entire municipal system. This system will overlap with the city's other municipal water rights 36-7206, 36-7899, 36-12179, 36-4083.

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Conditions of Permit met:

Yes

Beneficial Use Required By:

5/1/1999

Proof of Beneficial Use Submitted:

9/28/1999

(drillers report, 1998 water measurement annual report, and power records located in file)_

Reinstatement Order:

2/2/2000 signed by L. Glen Saxton (for lapsed permit)
(advanced priority date to 10/18/1999)

Application for Amendment (for Licensing Purposes):

Signed and dated 11/8/2007 (NESESE, instead of NESE, and changing the priority date to 10/18/1999----due to date Proof was submitted to Dept.)

Correct Fees Submitted:

Yes

Field Exam Date:

11/13/2007 by Jana Jones, IDWR Water Resource Agent
Accompanied by: Richard Rau, Public Works Director (208) 438-4181